Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011977.D
Acq On : 26 Sep 2020 09:15
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 28 00:47:42 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	2002	0.40	ng		# 0.00
7) Naphthalene-d8	10.453	136	8549	0.40	ng		0.00
13) Acenaphthene-d10	14.306	164	4478	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	8873	0.40	ng		0.00
29) Chrysene-d12	21.248	240	7934	0.40	ng		#-0.01
36) Perylene-d12	23.460	264	8161	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	2732	0.39	ng		0.00
5) Phenol-d6	6.845	99	3460	0.39	ng		0.00
8) Nitrobenzene-d5	8.818	82	3432	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.042	152	4847	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	889	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.923	172	6277	0.37	ng		-0.01
27) Fluoranthene-d10	19.087	212	9232	0.35	ng		0.00
31) Terphenyl-d14	19.693	244	6956	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.245	88	1167	0.33	ng	#	82
3) n-Nitrosodimethylamine	3.559	42	2361	0.47	ng	#	88
6) bis(2-Chloroethyl)ether	7.111	93	2784	0.37	ng		90
9) Naphthalene	10.504	128	9037	0.37	ng		99
10) Hexachlorobutadiene	10.795	225	1519	0.38	ng	#	99
12) 2-Methylnaphthalene	12.118	142	5728	0.37	ng		95
16) Acenaphthylene	14.027	152	7942	0.37	ng		100
17) Acenaphthene	14.370	154	5380	0.36	ng		90
18) Fluorene	15.359	166	6605	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.448	198	578	0.34	ng	#	18
21) 4-Bromophenyl-phenylether	16.250	248	1723	0.37	ng	#	69
22) Hexachlorobenzene	16.360	284	2079	0.38	ng	#	78
23) Atrazine	16.518	200	1704	0.38	ng	#	93
24) Pentachlorophenol	16.700	266	930	0.35	ng		98
25) Phenanthrene	17.090	178	9967	0.37	ng		99
26) Anthracene	17.187	178	8528	0.36	ng		99
28) Fluoranthene	19.117	202	11190	0.37	ng	#	96
30) Pyrene	19.484	202	11468	0.39	ng		99
32) Benzo(a)anthracene	21.237	228	8964	0.35	ng		99
33) Chrysene	21.290	228	10638	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	6685	0.37	ng		91
35) Indeno(1,2,3-cd)pyrene	25.674	276	11998	0.39	ng	#	95
37) Benzo(b)fluoranthene	22.799	252	10260	0.37	ng	#	83
38) Benzo(k)fluoranthene	22.844	252	10865	0.36	ng	#	87
39) Benzo(a)pyrene	23.364	252	9449	0.37	ng	#	74
40) Dibenzo(a,h)anthracene	25.688	278	9778	0.37	ng	#	87
41) Benzo(g,h,i)perylene	26.345	276	10441	0.36	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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